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Environmental Response & Remediation

Mr. Craig Larson
Wind River Petroleum
2046 East Murray Holladay Road, Suite 200
Salt Lake City, Utah 84117

March 18, 2010
Project No.: 1241-026A

SUBJECT: Quarterly Groundwater Sampling Results and
Monthly Report of Corrective Action – January/February 2010
C-4 Top Stop
15 South Main Street
Gunnison, Utah
UST Facility No. 2000220
Release Site EMHB

SCANNED
DERR 2010-005631

This monthly report has been prepared pursuant to the reporting requirements set forth in the May 9, 2008, Corrective Action Plan Summary Letter prepared by Wasatch Environmental on behalf of Wind River Petroleum. This report provides a summary of the following:

- Current estimates of contaminant mass removal,
- Building ventilation system readings,
- Groundwater depth and fluctuations,
- Results of February 2010 quarterly groundwater sampling,
- Historical groundwater chemistry,
- Proposed reductions to the monitoring well network, and
- Results of baseline nitrate monitoring.

Questions regarding this report from third parties should be submitted to Morgan Atkinson with the Utah Division of Environmental Response and Remediation (DERR), and written responses will be provided.

ESTIMATES OF CONTAMINANT MASS REMOVAL

As of February 24, 2010, the estimated quantity of gasoline removed from the subsurface by six soil vapor extraction (SVE) systems was 12,954 gallons as presented on Table 1 below. This quantity has not changed since August 18, 2009, as presented in the August 2009 Monthly Report.

Table 1. Estimated Mass Removal

TIME OF OPERATION	West A SVE CAT-OX	West B SVE CAT-OX	East SVE CAT-OX	Central SVE Flame-OX	South SVE CAT-OX	West Alley SVE	Gallons Combusted
STARTUP DATE	11-21-07	12-05-07	11-13-07	3-04-08	12-12-07	5-16-08	
STARTUP TO 06/11/08	3,069	1,293	2,863	3,166	452	---	10,843
06/11/08 TO 07/15/08	49	34	16	117	10	172	398
07/15/08 TO 12/10/08	NM/NC	NM/NC	NM/NC	NM/NC	NM/NC	NC	NM/NC
12/10/08 TO 01/07/09	System Off	5	NM/NC	NM/NC	NM/NC	NC	5
01/10/08 TO 02/03/09	System Off	13	NM/NC	<1	NM/NC	<1	13
2/03/09 TO 3/10/09	System Off	18	NM/NC	NM/NC	NM/NC	<1	18
3/10/09 TO 4/08/09	System Off	81	NM/NC	7	NM/NC	4	92

Table 1. Estimated Mass Removal (Cont')

TIME OF OPERATION	West A SVE CAT-OX	West B SVE CAT-OX	East SVE CAT-OX	Central SVE Flame-OX	South SVE CAT-OX	West Alley SVE	Gallons Combusted
4/08/09 TO 5/01/09	System Off	60	NM/NC	7	NM/NC	7	74
5/01/09 TO 5/27/09	System Off	35	NM/NC	4	NM/NC	2	41
5/27/09 TO 6/23/09	System Off	2	NM/NC	1	NM/NC	<1	3
6/23/09 TO 7/21/09	System Off	NM/NC	NM/NC	NC	NM/NC	NC	NM/NC
7/21/09 TO 2/23/10	System Off	NM/NC	NM/NC	NC	NM/NC	NC	NM/NC
8/29/07 TO 11/13/07			887 °				
9/21/07 TO 11/21/07	580°						
TOTALS BY SYSTEM	3,118	1,541	2,879	3,302	462	185	12,954

- a) NM: not measurable – No temperature increase across catalytic oxidizer and flame oxidizer units
b) NC: not calculated due to insignificant concentrations
c) The gallons combusted by the East and West SVE Systems during the period before catalytic oxidizers were installed is included on the table.

BUILDING VENTILATION SYSTEMS

Twelve building ventilation systems are currently operating in two businesses and ten residences across the site. Photo-ionization detector (PID) measurements are taken monthly from the exhaust stacks of the ventilation systems. PID data obtained between May 14, 2008, and February 24, 2009, are presented in Table 2. These data indicate that, with the exception of two low-level detections (0.2 ppm) recorded on January 27, 2010, at 29 West 100 South and at His N Hers, there are no vapors present below any of the monitored structures. Other than the two exceptions noted above, there have been no vapors present in the monitored locations since August 2009.

Table 2. Building Ventilation Systems Emissions – PID Data (PPM)

Date of PID Measurement	26W 100 S St.	36W 100 S St.	29W 100 S St.	39 W 100 S St.	59 W 200 S St. (Side)	59W 200 S St. (Rear)	60 W 200 S St.	70 W 200 S St.	96 W 200 S St.	255 S 100 W St. (Garage)	His N Hers	White Hills Trading Co
05-14-08	0.0	10.2	18.3	92	---	---	0.0	---	0.0	---	16.8	---
05-23-08	0.0	0.9	16.8	85	0.0	2.6	0.0	---	0.0	---	24.5	---
06-03-08	0.1	0.2	11.0	41	0.0	0.9	0.0	---	0.0	---	18.0	---
06-11-08	0.0	0.2	12.0	35	0.0	1.1	0.0	---	0.0	---	19.9	---
06-18-08	0.0	0.0	9.0	29	0.0	0.6	0.0	---	0.0	---	---	---
06-25-08	0.0	0.4	7.0	20.5	0.0	0.0	0.0	---	0.0	---	---	---
07-01-08	0.0	0.0	5.6	16.4	0.0	0.0	0.0	---	0.0	---	17	---
07-08-08	0.0	0.0	3.0	12.1	0.0	0.0	0.1	---	0.0	---	---	---
07-16-08	0.1	0.0	2.2	11.4	0.0	0.0	0.0	---	0.0	---	11	---
07-31-08	0.0	0.0	1.5	8.3	0.0	0.0	0.0	---	0.0	---	7.6	---
08-26-08	---	---	1.0	8.0	---	---	---	---	---	---	---	---
09-16-08	0.0	0.0	0.0	5.7	0.0	0.0	0.0	---	0.0	---	3.7	0.0
10-21-08	0.0	---	0.0	3.3	0.0	0.0	0.0	---	0.0	---	1.8	0.0
11-13-08	0.0	0.0	0.0	2.1	0.0	0.0	0.0	---	0.0	---	---	0.0
12-19-08	0.0	0.0	2.9	6.4	0.0	0.0	0.0	---	0.0	---	3.9	0.0

Table 2. Building Ventilation Systems Emissions – PID Data (PPM) (Cont')

Date of PID Measurement	26W 100 S St.	36W 100 S St.	29W 100 S St.	39 W 100 S St.	59 W 200 S St. (Side)	59W 200 S St. (Rear)	60 W 200 S St.	70 W 200 S St.	96 W 200 S St.	255 S 100 W St. (Garage)	His N Hers	White Hills Trading Co
01-20-09	0.0	0.0	1.5	3.8	0.0	0.0	0.0	---	0.0	---	3.6	0.0
02-17-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	---	2.2	0.0
03-17-09	0.0	0.0	4.2	12.0	0.0	0.0	0.0	---	0.0	---	3.4	0.0
04-15-09	0.0	0.0	1.4	1.9	0.0	0.0	0.0	---	0.0	---	1.2	0.0
05-20-09	0.0	0.0	2.7	2.8	0.0	0.0	0.0	---	0.0	---	1.9	0.0
06-18-09	0.0	0.0	0.7	0.0	0.0	0.0	0.0	---	0.0	---	1.3	0.0
07-21-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	1.3	0.4	0.0
08-12-09	0.03	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.1	0.2	0.0
09-16-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0
10-15-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0
11-11-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0
12-23-09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	0.0	0.0	0.0
01-27-10	0.0	0.0	0.2	0.0	0.0	0.0	0.0	---	0.0	0.0	0.2	0.0
02-24-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	---	0.0	--- ³	0.1	0.0

¹ Ventilation piping is inside residence. Discharge is on the roof.

² The 255 South 100 West Street Garage Ventilation System was installed in on July 20 and 23, 2009.

³ The 255 South 100 West Street Garage Ventilation System was turned off on February 2, 2010.

GROUNDWATER DEPTH AND FLUCTUATIONS

Wasatch has periodically monitored groundwater levels in wells WS-2, TW-3, MW-1, MW-5, MW-9, MW-12, MW-14, and MW-23 to track water table fluctuations (see Table 4, Appendix A). Permission to gain access to wells TW-3, MW12, and MW-14 is pending. Depth-to-water graphs for five monitoring wells (WS-2, MW-1, MW-5, MW-9, and MW-23), through February 22, 2010, are presented in Appendix B.

In wells measured across the site between October 15, 2009, and February 22, 2010, groundwater elevations have decreased an average of 1.91 feet.

QUARTERLY GROUNDWATER SAMPLING

Quarterly monitoring was conducted at 27 monitoring wells across the site on February 23 and 24, 2010. The locations of the monitoring wells, and the benzene concentration detected in each sample, are presented on Figure 1. No free-product was observed in any of the monitoring wells. Groundwater samples were collected from each well using a new, 1½-inch diameter, disposable, polyethylene bailer. A minimum of three bore-hole volumes of groundwater was purged from each monitoring well. Purging continued until the majority of the sediment was cleared from the purge water. Groundwater samples were then obtained and dispensed into 40-milliliter (ml) capacity glass vials with Teflon® septa caps. The vials, which were supplied by the analytical laboratory, contained several drops of hydrochloric acid (HCl) as a preservative. The vials were filled slowly until a meniscus formed at the top of each vial, then each vial was sealed with a septa cap. This procedure eliminates headspace within the vials and, therefore, minimizes the loss of volatiles. The sample vials were each labeled with the sample location, and date and time of sample collection. The samples were placed in a cooler with ice and transported under chain-of-custody protocol to American West Analytical Laboratories for analysis. Groundwater samples were analyzed for total petroleum hydrocarbons as gasoline range organics (TPH-GRO) and benzene, toluene, ethylbenzene, xylenes, and naphthalene (BTEXN) using U.S. EPA Method 8260B.

A summary of current and historic groundwater analytical results is presented in Table 4 (Appendix C). The current laboratory analytical results are presented in Appendix F.

Analytical results (Appendix E) from the February 2010 groundwater monitoring event indicate that eight monitoring wells (MW-20, MW-22, MW-23, MW-25, MW-26, MW-27, MW-37, and MW-40) exhibited detectable concentrations of benzene, seven of which were above Initial Screening Levels (ISLs) (see Appendix C, Table 4). The locations of monitoring wells and current benzene analytical results are presented on Figure 1.

PROPOSED REDUCTION OF MONITORING WELL NETWORK

Wasatch proposes reducing the monitoring well network sampled during quarterly monitoring events by seven monitoring wells (MW-3, MW-9, MW-17, MW-19, MW-30, MW-33, and MW-38). Wasatch does not believe that continuing to monitor these wells adds to an understanding of the nature, extent, or degree of groundwater impacts at the site. Monitoring well MW-3 has not exhibited detectable analyte concentrations during the last four groundwater monitoring events and is located cross-gradient (and down-gradient) from monitoring well MW-2 (which also has not exhibited detectable analyte concentrations during the last four groundwater monitoring events). Monitoring well MW-9 has never exhibited detectable analyte concentrations and is located and down-gradient from monitoring well MW-2. Monitoring well MW-17 has not exhibited detectable analyte concentrations during the last five groundwater monitoring events and is located cross-gradient (and down-gradient) from monitoring well MW-2. Monitoring well MW-30 has never exhibited detectable analyte concentrations and is located cross-gradient from monitoring well MW-2. Therefore, sampling monitoring wells MW-3, MW-9, MW-17, and MW-30 is not necessary. Monitoring well MW-2 can serve as a sentry well and if it begins to exhibit detectable analyte concentrations, then monitoring wells MW-3, MW-9, MW-17, and MW-30 can be added back into the quarterly monitoring program. Monitoring wells MW-19, MW-33, and MW-38 have never exhibited detectable analyte concentration and are located on the perimeter of the groundwater plume. As there are a number of perimeter monitoring wells, monitoring MW-19, MW-33, and MW-38 is not necessary. The locations of the wells proposed for removal from the quarterly monitoring program are highlighted on Figure 1.

NITRATE AMENDMENT

An Underground Injection Control (UIC) permit was requested from the Utah Division of Water Quality for injection of nitrates at selected injection locations. Written approval of the UIC permit Application was issued on November 19, 2009 (see Appendix G).

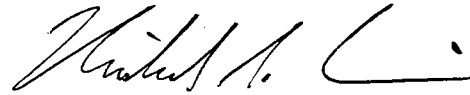
Baseline nitrate monitoring was conducted on February 16, 2010, in preparation for the initial nitrate injection event. A total of thirteen wells were sampled including: MW-2, MW-3, MW-5, MW-20, MW-22, MW-23, MW-26, MW-27, MW-36, MW-37, TW-4, TW-6, and WS-2. Wasatch had planned to sample monitoring well MW-29; however, the property owner will not grant access to allow sampling. Groundwater samples were collected from each well using a new, 1½-inch diameter, disposable, polyethylene bailer. A minimum of three bore-hole volumes of groundwater was purged from each monitoring well. The nitrate test for each sample was conducted in the field using a Hach AccuVac® nitrate test kit. The test kit detects nitrate as nitrogen at concentrations ranging from 0 to 50 mg/L which is equivalent to 0 to 220 mg/L nitrate. The results indicated that detectable nitrate concentrations ranged from 4.4 mg/L (monitoring wells TW-6 and WS-2) to 15.4 mg/L in monitoring well MW-2. No nitrates were detected in monitoring wells MW-3, MW-5, MW-20, MW-22, MW-23, MW-26, MW-36, and MW-37. The monitoring locations exhibiting the highest nitrate concentrations, TW-4 (13.2 mg/L) and MW-2 (15.4 mg/L), probably exhibit elevated nitrate concentrations due to the livestock present on the properties and/or adjacent properties. The maximum contaminant level (MCL) for nitrate is 44.3 mg/L. The results of the nitrate monitoring are summarized on Table 5.


Our services consist of professional opinions and recommendations made in accordance with generally accepted environmental engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied. Should you have any questions, please do not hesitate to contact us.

Sincerely,

WASATCH ENVIRONMENTAL, INC.


Troy Smith
Utah Certified UST Consultant


Michael Cronin, P.G.
Sr. Geologist and Project Manager


Les Pennington, P.E.
Principal Engineer

Figures: Figure 1 – Site Map with Benzene Concentrations from February 2010 Quarterly Analytical Results

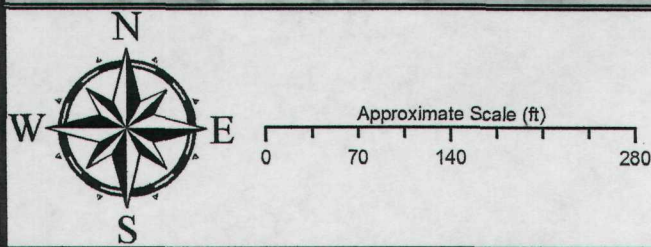
Appendices: Appendix A – Table 3 – Historical Depth to Groundwater
Appendix B – Historical Groundwater Depths Graphs
Appendix C – Table 4 – Historical Groundwater Chemistry
Appendix D – February 2010 Quarterly Monitoring – Groundwater Laboratory Analyses
Appendix E – Table 5 – Nitrate Monitoring Data

Copies: (2) Addressee
(1) Mr. Morgan Atkinson, Utah DERR
(1) Gunnison City



NOTE: MW-14 and MW-29 were not sampled; access was denied.

Legend	
MW-1	Wells Proposed for Removal from Quarterly Monitoring
◆	Quarterly Monitoring Well
◆	Monitoring Well
◆	SVE Extraction Well
---	SVE Trench System
 	Building Ventilation System
 	SVE System
●	Water Meter
●	Sewer Manhole
ND	Not Detected
NS	Not Sampled



Environmental Science and Engineering

February 2010 Benzene Concentrations In Groundwater

Gunnison, Utah

PROJECT NO.

SAMPLING DATE

FIGURE

1241-026A

February 2010

1

APPENDIX A

TABLE 3

HISTORICAL DEPTH TO GROUNDWATER

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

Sample Identity	Date	Depth to Groundwater (ft)
TW-1	01/11/08	12.50
	02/26/08	12.36
	06/26/08	12.29
TW-2	01/11/08	13.22
	02/26/08	13.06
	06/26/08	12.76
TW-3	01/11/08	12.23
	02/26/08	12.32
	06/26/08	12.03
	08/22/08	10.71
	09/16/08	10.41
	10/22/08	10.44
	12/01/08	11.21
	12/09/08	11.34
	12/19/08	11.51
	12/30/08	11.67
	01/06/09	11.78
	01/20/09	11.43
	01/27/09	11.32
	02/03/09	11.22
	02/10/09	11.19
	02/17/09	11.13
	02/24/09	11.17
	03/10/09	11.75
	03/17/09	11.88
	03/27/09	12.14
	04/02/09	12.25
	04/08/09	12.34
	04/15/09	11.89
	04/28/09	12.10
	05/05/09	11.87
	05/11/09	11.84
	05/20/09	11.62
	05/27/09	11.74
	06/10/09	11.29
	06/18/09	11.03
	06/23/09	10.87

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
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TW-3 (cont'd)	07/08/09	11.22
	07/21/09	11.22
	08/04/09	10.59
	8/12/09	10.55
	9/16/09	10.62
	9/30/09	10.38
	10/15/09	10.20
	11/3/09	10.27
TW-4	01/11/08	17.93
	06/26/08	15.95
TW-6	12/19/07	13.86
	06/26/08	13.46
WS-1	01/11/08	13.19
	02/26/08	13.59
	06/25/08	11.62
WS-2	01/11/08	12.61
	02/26/08	11.31
	06/25/08	11.23
	11/18/08	9.93
	01/14/09	11.95
	01/20/09	11.94
	01/27/09	11.92
	02/10/09	12.20
	02/24/09	12.19
	03/03/09	12.52
	03/10/09	12.48
	03/17/09	12.75
	04/08/09	13.11
	04/15/09	13.07
	05/11/09	12.41
	05/20/09	12.02
	06/10/09	11.18
	06/18/09	10.68
	06/23/09	10.56
	07/08/09	10.16
	07/21/09	9.86
	08/04/09	9.34
	8/12/09	9.19
	9/16/09	8.77
	9/30/09	8.77

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
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15 South Main Street
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WS-2 (cont'd)	10/15/09	8.63
	11/11/09	9.19
	12/23/09	10.85
	1/27/10	11.22
	2/22/10	11.81
WS-3	01/11/08	10.50
	02/26/08	10.17
	06/25/08	10.21
MW-1	11/27/07	11.55
	12/19/07	11.89
	01/11/08	11.98
	02/26/08	11.85
	06/26/08	11.64
	08/22/08	10.84
	09/16/08	10.92
	10/22/08	11.06
	11/24/08	11.32
	12/01/08	11.43
	12/09/08	11.51
	12/19/08	11.61
	12/30/08	11.72
	01/06/09	11.78
	01/20/09	11.76
	01/27/09	11.43
	02/03/09	11.54
	02/10/09	11.54
	02/17/09	11.52
	02/24/09	11.52
	03/10/09	11.74
	03/17/09	11.68
	03/27/09	12.01
	04/02/09	12.07
	04/08/09	12.13
	04/15/09	12.00
	04/28/09	11.97
	05/11/09	11.72
	05/20/09	11.61
	05/27/09	11.50
	06/10/09	10.78
	06/18/09	10.78
	06/23/09	10.71

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-1 (cont'd)	07/08/09	11.00
	07/21/09	11.07
	08/04/09	10.99
	8/12/09	10.94
	9/16/09	10.85
	9/30/09	10.82
	10/15/09	10.82
	11/3/09	10.71
	11/11/09	10.80
	12/23/09	11.23
	1/27/10	11.67
	2/2/10	11.78
MW-2	11/27/07	11.84
	12/19/07	12.15
	01/11/08	12.28
	02/26/08	12.09
	06/26/08	11.99
	11/18/08	11.70
	02/17/09	11.96
	05/11/09	12.15
	08/04/09	11.62
	11/11/09	11.38
	02/17/10	11.64
	02/22/10	12.16
MW-3	11/27/07	11.28
	12/19/07	11.64
	01/11/08	11.83
	02/26/08	11.48
	06/26/08	11.40
	11/18/08	11.04
	02/17/09	11.26
	05/11/09	11.50
	08/04/09	10.80
	11/11/09	10.62
	02/17/10	12.16
	02/22/10	11.56

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
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MW-4	11/27/07	12.36
	12/19/07	12.36
	01/11/08	12.62
	02/26/08	12.15
	06/26/08	11.70
MW-5	01/11/08	15.11
	02/26/08	15.59
	06/26/08	14.77
	08/22/08	12.85
	09/16/08	12.93
	10/22/08	12.82
	10/29/08	12.85
	11/18/08	13.24
	12/01/08	13.51
	12/09/08	13.75
	12/19/08	14.10
	12/30/08	14.26
	01/06/09	14.44
	01/20/09	14.42
	01/27/09	14.38
	02/03/09	14.39
	02/10/09	14.43
	02/17/09	14.51
	02/24/09	14.73
	03/03/09	14.91
	03/10/09	15.13
	03/17/09	15.28
	03/27/09	15.49
	04/02/09	15.58
	04/08/09	15.67
	04/15/09	15.73
	04/28/09	15.67
	05/11/09	15.35
	05/20/09	15.61
	05/27/09	14.71
	06/10/09	14.64
	06/18/09	14.33
	06/23/09	14.26
	07/08/09	13.67
	07/21/09	13.33

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-5 (cont'd)	08/04/09	13.05
	8/12/09	12.78
	9/16/09	12.48
	9/30/09	12.37
	10/15/09	11.85
	11/3/09	12.11
	11/11/09	12.31
	12/23/09	13.44
	02/17/10	14.15
	2/22/10	14.62
MW-6	01/11/08	12.20
	02/26/08	11.74
	06/26/08	11.62
	04/02/09	12.24
MW-7	01/11/08	12.55
	02/26/08	12.07
	06/26/08	11.91
	04/02/09	12.57
MW-8	01/11/08	12.95
	02/26/08	12.44
	06/26/08	12.04
MW-9	01/11/08	15.05
	02/26/08	14.54
	06/26/08	14.37
	11/18/08	13.61
	01/09/09	14.67
	01/27/09	14.11
	02/03/09	14.28
	02/17/09	14.20
	02/24/09	14.23
	03/03/09	14.20
	03/10/09	14.13
	03/17/09	14.07
	03/27/09	14.88
	04/02/09	15.02
	04/08/09	15.10
	04/15/09	14.98
	04/28/09	14.87
	05/11/09	14.84
	05/20/09	14.36

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-9 (cont'd)	05/27/09	13.74
	06/10/09	13.24
	06/18/09	12.57
	06/23/09	12.66
	07/08/09	13.09
	07/21/09	13.29
	08/04/09	13.34
	8/12/09	13.29
	9/16/09	13.13
	9/30/09	12.90
	10/15/09	13.39
	11/11/09	12.92
	12/23/09	13.91
	2/22/10	14.51
MW-11	01/11/08	10.08
	02/26/08	10.52
	06/26/08	10.35
	10/22/08	9.42
MW-12	01/11/08	10.60
	02/26/08	8.92
	06/26/08	8.72
	02/17/09	7.98
	02/24/09	8.00
	03/10/09	8.45
	03/17/09	8.58
	03/27/09	8.75
	04/02/09	8.86
	04/08/09	8.92
	04/15/09	8.40
	05/05/09	8.26
	05/11/09	8.46
	05/20/09	8.21
	05/27/09	8.41
	06/10/09	7.75
	06/18/09	7.68
	06/23/09	7.56
	07/08/09	7.96
	07/21/09	7.90
	08/04/09	7.33
	8/12/09	7.26
	9/16/09	7.58

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-12 (cont'd)	9/30/09	7.30
	10/15/09	7.13
	11/3/09	7.24
MW-13	01/11/08	9.94
	02/26/08	8.98
	06/26/08	9.83
MW-14	01/11/08	12.34
	02/26/08	12.23
	06/26/08	12.07
	11/18/08	11.15
	12/01/08	11.31
	12/09/08	11.43
	01/27/09	11.41
	02/03/09	11.41
	02/10/09	11.40
	02/17/09	11.38
	02/24/09	11.39
	03/10/09	11.86
	03/17/09	11.98
	03/27/09	12.31
	04/02/09	12.43
	04/08/09	12.52
	04/15/09	12.16
	04/28/09	12.23
	05/05/09	11.81
	05/11/09	11.96
	05/20/09	11.76
	05/27/09	11.82
	06/10/09	11.25
	06/18/09	11.07
	06/23/09	10.91
	07/08/09	11.27
	07/21/09	11.27
	08/04/09	10.90
	8/12/09	10.86
	9/16/09	10.87
	9/30/09	10.41
	10/15/09	10.58
	11/3/09	10.59

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-15	02/26/08	12.51
MW-17	02/26/08	14.56
	11/18/08	13.19
	02/17/09	14.17
	05/11/09	14.46
	07/21/09	13.20
	08/04/09	13.30
	11/11/09	12.67
	02/22/10	14.41
MW-18	02/26/08	18.48
MW-19	10/22/08	14.78
	11/18/08	14.99
	02/17/09	14.67
	05/11/09	16.39
	08/04/09	15.02
	11/11/09	14.54
	02/22/10	16.04
MW-20	10/22/08	15.40
	11/18/08	15.68
	02/17/09	15.86
	05/11/09	16.98
	08/04/09	15.72
	11/11/09	15.11
	02/22/10	16.81
MW-21	10/22/08	10.05
	11/18/08	10.17
	02/17/09	11.00
	05/11/09	11.52
	08/04/09	9.82
	11/11/09	9.52
	02/22/10	10.85
MW-22	10/22/08	12.70
	11/18/08	10.18
	11/24/08	10.28
	02/17/09	13.20
	05/11/09	10.47
	08/04/09	10.05
	11/11/09	9.35
	02/22/10	11.28

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-23	10/22/08	8.61
	11/18/08	12.93
	11/24/08	13.03
	12/09/08	13.30
	02/17/09	13.28
	03/27/09	14.12
	04/08/09	14.28
	04/15/09	14.33
	04/28/09	14.37
	05/11/09	14.29
	05/20/09	14.19
	05/27/09	14.08
	06/10/09	13.94
	06/18/09	13.81
	06/23/09	13.76
	07/08/09	13.56
	07/21/09	13.39
	08/04/09	13.10
	8/12/09	13.02
	9/16/09	12.65
	9/30/09	12.55
	10/15/09	12.33
	11/3/09	12.29
	11/11/09	12.40
	12/23/09	13.01
	1/27/10	13.66
	2/22/10	13.84
MW-24	10/22/08	9.99
	11/18/08	8.78
	11/24/08	8.88
	02/17/09	9.96
	05/11/09	11.88
	08/04/09	8.60
	11/11/09	8.07
	02/22/10	9.77

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-25	10/22/08	14.24
	11/18/08	14.48
	02/17/09	15.16
	05/11/09	16.04
	08/04/09	14.29
	11/11/09	14.01
	02/22/10	15.53
MW-26	10/22/08	12.61
	11/18/08	13.18
	02/17/09	13.94
	05/11/09	14.82
	08/04/09	13.00
	11/11/09	12.50
	02/22/10	14.30
MW-27	10/22/08	12.42
	11/18/08	12.74
	02/17/09	13.65
	05/11/09	14.43
	08/04/09	12.52
	11/11/09	11.95
	02/22/10	13.87
MW-28	10/22/08	13.41
	11/18/08	13.76
	02/17/09	13.47
	05/11/09	15.57
	08/04/09	13.93
	11/11/09	12.93
	02/22/10	14.98
MW-29	10/22/08	13.75
	11/18/08	13.99
	02/17/09	14.07
	05/11/09	15.27
	08/04/09	13.75

Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW-30	10/22/08	10.97
	11/18/08	11.08
	02/17/09	11.31
	05/11/09	11.51
	08/04/09	10.74
	11/11/09	10.63
	02/22/10	11.54
MW-31	10/22/08	10.94
	11/18/08	11.15
	02/17/09	12.33
	05/11/09	13.02
	08/04/09	11.04
	11/11/09	10.29
	02/22/10	12.14
MW32	05/11/09	9.25
	08/04/09	8.87
	11/11/09	8.75
	02/22/10	9.08
MW33	05/11/09	14.95
	06/10/09	14.62
	08/04/09	14.92
	11/11/09	15.42
	02/22/10	15.38
MW34	05/11/09	17.93
	08/04/09	14.51
	11/11/09	14.05
	02/22/10	17.31
MW35	05/11/09	15.73
	08/04/09	13.86
	11/11/09	13.14
	02/22/10	15.24
MW36	05/11/09	11.76
	08/04/09	9.37
	11/11/09	9.02
	02/22/10	11.09

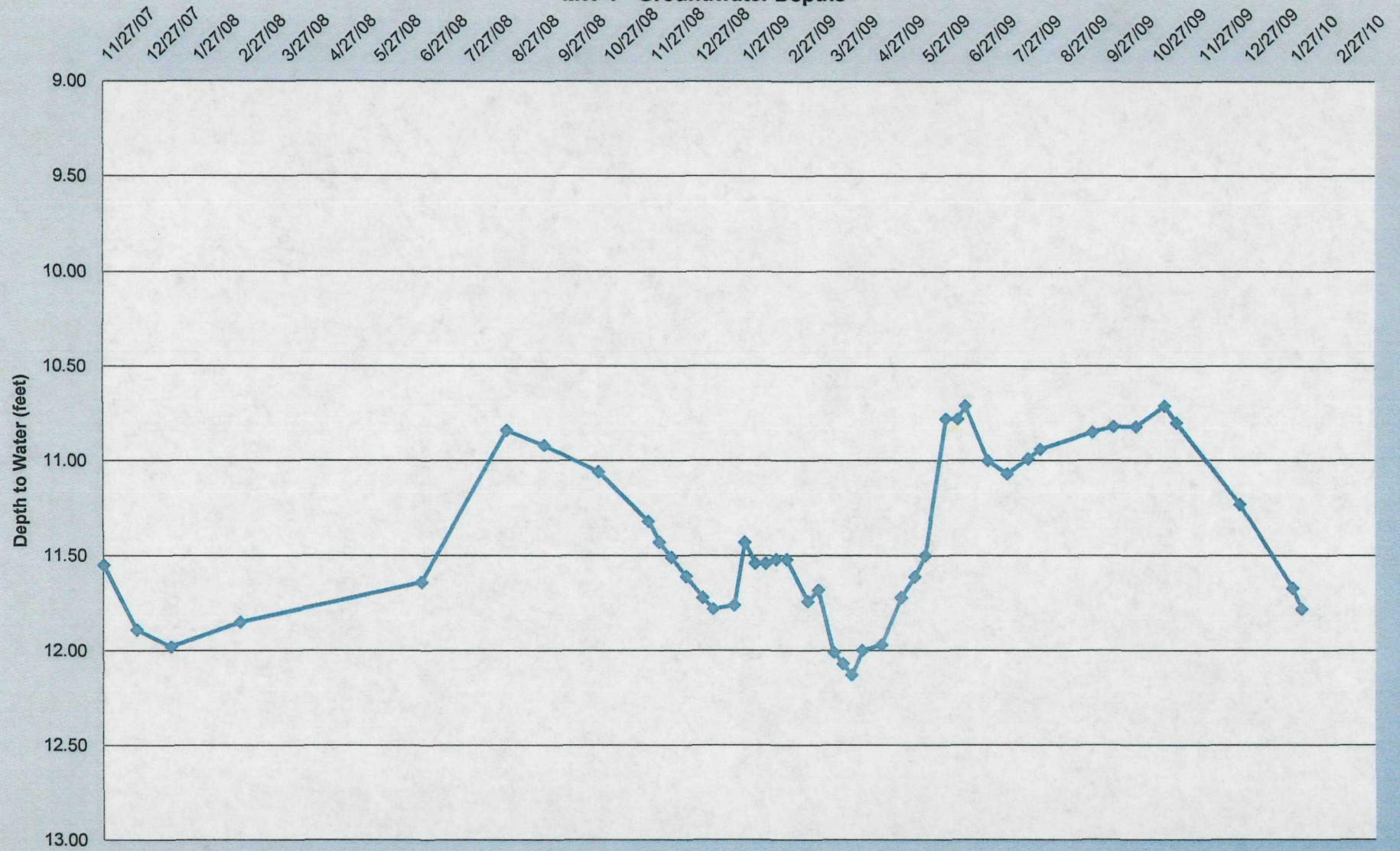
Table 3
Historical Depth to Groundwater
Updated on 03/05/2010
Gunnison Remediation
15 South Main Street
Gunnison, Utah
Facility ID 2000220, Release ID EMHB

MW37	05/11/09	16.64
	08/04/09	14.45
	11/11/09	14.02
	01/27/10	15.15
	02/22/10	15.38
MW38	11/11/09	15.91
	02/22/10	17.31
MW39	11/11/09	15.59
	02/22/10	16.91
MW40	11/11/09	15.57
	02/22/10	16.71

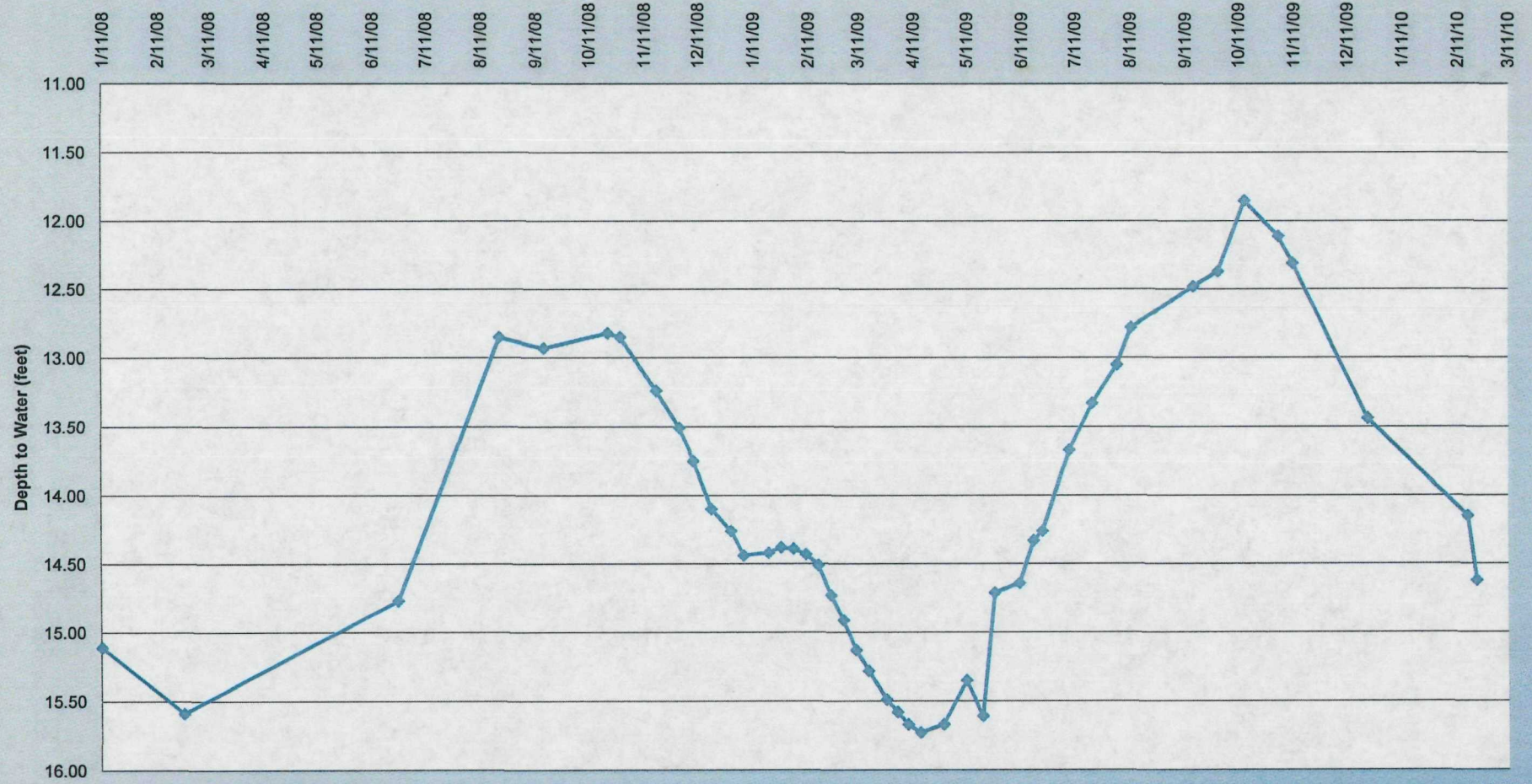
APPENDIX B

HISTORICAL GROUNDWATER DEPTHS GRAPHS

MW-1 - Groundwater Depths



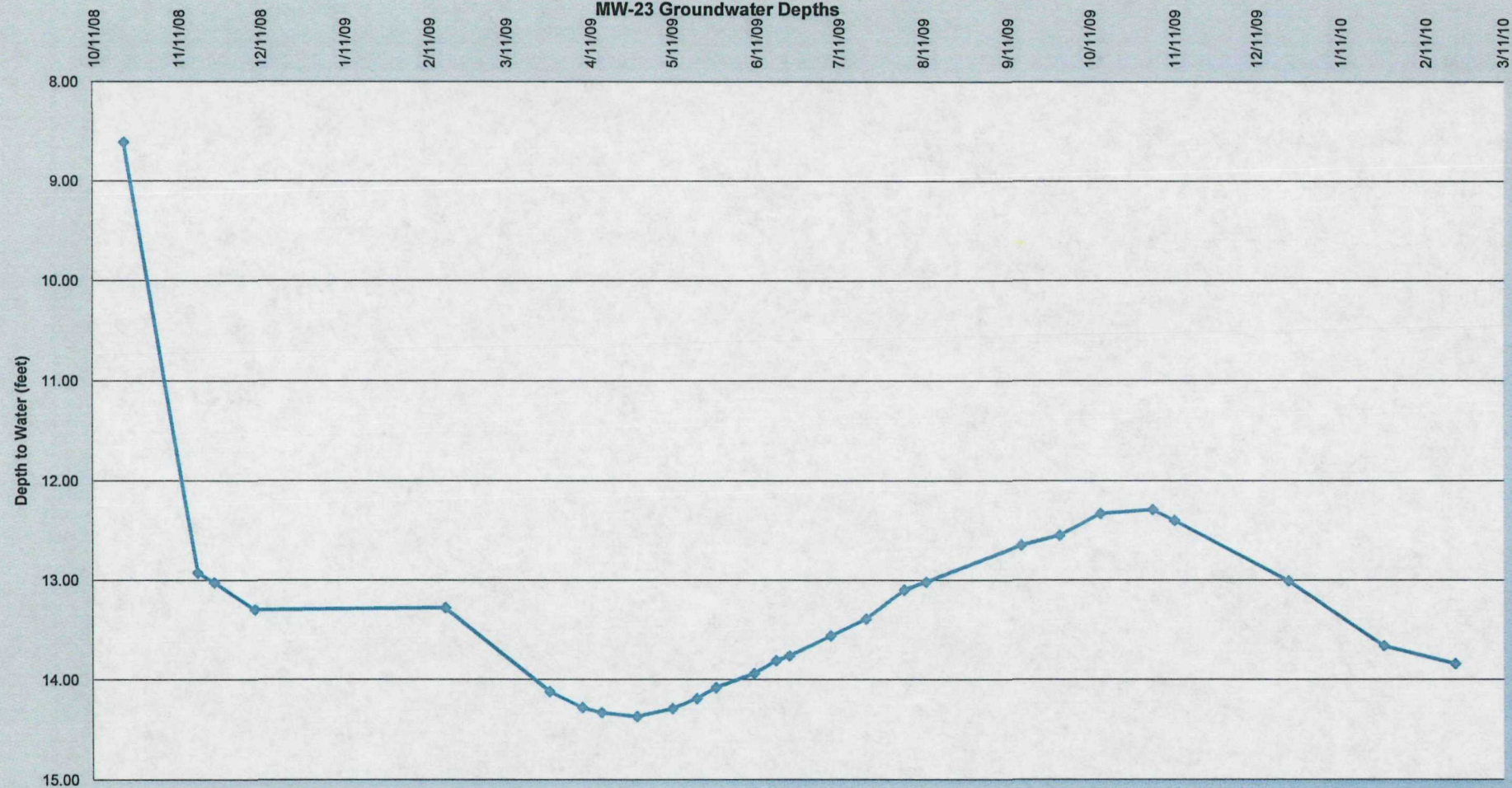
MW-5 - Groundwater Depths



MW-17 - Groundwater Depths



MW-23 Groundwater Depths



APPENDIX C

TABLE 4

HISTORICAL GROUNDWATER CHEMISTRY

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
Initial Screening Levels		1	1	0.005	1	0.7	10	0.7	
MW-1	11/27/07	7.8	0.032	2.8	0.85	0.02	3.8	0.048	11.55
	1/11/08	4.6	<0.020	1.3	0.4	<0.020	1.6	0.051	11.98
	6/26/08	0.082	<0.020	0.029	0.003	<0.002	<0.002	0.039	11.64
MW-2	11/27/07	5.9	0.022	2.4	0.96	0.027	2.3	0.037	11.84
	6/26/08	0.46	0.025	0.13	0.0031	0.0028	0.063	0.054	11.99
	11/19/08	0.052	<0.020	0.01	<0.0020	<0.0020	<0.0020	0.0079	11.70
	2/18/09	0.47	<0.020	0.0047	<0.0020	<0.0020	<0.0020	0.0048	11.96
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.41
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.62
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	11.38
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.16
MW-3	11/27/07	9.7	0.041	2.6	2.5	0.2	3.9	0.071	11.28
	6/26/08	0.23	0.067	0.012	0.002	<0.002	0.015	0.065	11.40
	11/19/08	<0.020	<0.020	0.001	<0.0020	<0.0020	<0.020	0.0048	11.04
	2/18/09	0.027	<0.020	<0.010	<0.020	<0.020	<0.020	<0.020	11.26
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.50
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.80
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.62
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.56
MW-4	11/27/07	<0.020	<0.020	<0.002	<0.020	<0.020	<0.002	<0.002	12.36
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	11.70
MW-5	11/27/07	6.3	0.036	4	0.62	0.057	1.0	0.089	NM
	1/11/08	8.2	0.021	4.1	0.88	0.11	0.49	0.15	15.11
	6/26/08	0.73	0.099	0.043	<0.002	0.071	0.023	0.11	14.77
	11/19/08	1	0.260	0.0097	0.0026	0.19	0.0027	0.017	13.24
	2/18/09	4.8	0.130	0.0025	<0.0020	0.2	<0.0020	<0.0020	14.51

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-5 (continued)	5/12/09	0.084	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.35
	8/6/09	0.086	---	0.001	<0.0020	<0.0020	0.0075	<0.0020	13.05
	11/11/09	<0.020	---	<0.0020	<0.0020	0.0032	<0.0020	<0.0020	12.31
	2/23/10	0.036	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.62
MW-6	6/26/08	0.035	<0.020	<0.002	<0.002	<0.002	0.0034	0.0026	11.62
MW-7	1/11/08	3.9	<0.020	1.4	0.32	<0.020	1.5	<0.020	12.55
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	11.91
MW-8	1/11/08	4.7	0.020	0.9	0.21	<0.0020	1.8	0.081	12.95
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.04
MW-9	1/11/08	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.05
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	14.37
	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.61
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.20
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.84
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.34
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.92
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.51
MW-10		---	---	---	---	---	---	---	Dry
MW-11	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.08
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	10.35
MW-12	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.60
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	8.72
MW-13	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.94
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	9.83

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-14	1/11/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.34
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.07
	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.15
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.38
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.96
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.90
MW-15	2/27/08	1.1	<0.020	0.49	0.039	<0.0020	0.45	0.0043	12.51
	6/26/08*	---	---	---	---	---	---	---	---
MW-16	---	---	---	---	---	---	---	---	Dry
MW-17	2/27/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.56
	6/26/08	0.22	<0.020	0.089	<0.002	<0.002	0.024	0.0056	NM
	11/18/08	0.56	<0.020	0.28	0.0023	<0.0020	0.0034	0.0082	13.19
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.17
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.46
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.30
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.67
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.41
MW-18	6/26/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	NM
MW-19	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.99
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.67
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.39
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.02
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.54
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.04

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-20	11/18/08	4.1	0.130	2.7	0.014	0.21	0.6	0.18	15.68
	2/19/09	14	0.170	2.6	0.068	0.6	0.72	0.16	15.86
	5/13/09	3	0.084	1.4	0.026	0.25	0.056	0.18	16.98
	8/5/09	2.7	---	1.3	0.037	0.33	0.035	0.2	15.72
	11/11/09	5.3	---	1.3	0.028	0.3	0.027	0.22	15.11
	2/23/10	1.6	---	0.67	0.015	0.19	0.0066	0.053	16.81
MW-21	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.17
	2/19/09	<0.020	<0.020	<0.0010	0.0025	<0.0020	<0.0020	<0.0020	11.00
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.52
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.82
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.52
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.85
MW-22	11/18/08	1.2	0.044	0.42	0.013	<0.0020	0.0034	0.11	10.18
	2/19/09	2.3	0.034	0.21	0.0069	0.003	0.004	0.0094	13.20
	5/13/09	0.42	<0.020	0.24	0.0035	<0.0020	<0.0020	<0.0020	10.47
	8/5/09	0.32	---	0.19	0.003	0.0035	<0.0020	0.0089	10.05
	11/11/09	1.7	---	0.44	0.0074	0.0027	0.0024	0.027	9.35
	2/23/10	0.22	---	0.11	0.0027	0.018	<0.0020	0.0020	11.28
MW-23	11/18/08	11	<1.0	1.2	0.4	0.9	2.1	0.22	12.93
	2/19/09	16	<0.40	1.3	0.091	1.6	2.9	0.49	13.28
	5/12/09	2.7	<0.20	0.47	0.046	0.72	0.78	0.063	14.29
	8/5/09	2.8	---	0.57	0.025	0.81	0.7	0.22	13.10
	11/11/09	2.5	---	0.2	0.0094	0.4	0.31	0.21	12.40
	2/23/10	1.7	---	0.090	0.0021	0.39	0.40	0.17	13.84

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-24	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.78
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.96
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.88
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.60
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	8.07
	2/23/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.77
MW-25	11/18/08	2	0.380	0.42	0.021	0.24	0.29	0.17	14.48
	2/19/09	13	0.220	0.19	0.012	0.28	0.25	0.12	15.16
	5/12/09	0.61	0.028	0.031	<0.0020	0.033	0.0052	0.044	16.04
	8/5/09	0.61	---	0.029	0.0022	0.055	0.0054	0.059	14.29
	11/11/09	0.5	---	0.0052	<0.0020	0.0094	<0.0020	0.0086	14.01
	2/23/10	0.45	---	0.0024	<0.0020	0.036	<0.0020	0.033	15.53
MW-26	11/18/08	4.9	<0.40	1.1	0.044	0.19	0.27	0.061	13.18
	2/19/09	9.9	0.570	1.2	0.064	0.71	1	0.62	13.94
	5/12/09	1.9	0.130	0.38	0.015	0.2	0.087	0.076	14.82
	8/5/09	0.7	---	0.21	0.008	0.059	0.021	0.086	13.00
	11/11/09	2.3	---	0.24	0.15	0.15	0.14	0.092	12.50
	2/24/10	1.3	---	0.10	0.0066	0.23	0.17	0.12	14.30
MW-27	11/18/08	94	<2.0	26	36	2.9	16	0.26	12.74
	2/19/09	100	<4.0	35	41	3.2	21	<0.40	13.65
	5/12/09	44	<0.40	13	18	1.0	7.8	0.2	14.43
	8/5/09	51	---	13	24	1.8	10	0.3	12.52
	11/11/09	120	---	22	54	4.1	34	0.57	11.95
	2/24/09	41	---	9.0	19	1.5	9.0	0.27	13.87

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-28	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.76
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.47
	5/12/09	<0.020	<0.020	0.0036	<0.0020	<0.0020	<0.0020	<0.0020	15.57
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.93
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	12.93
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.98
MW-29	11/18/08	20	<0.20	0.1	<0.020	0.56	2.7	0.28	13.99
	2/19/09	11	0.410	0.022	<0.020	0.24	0.55	0.22	14.07
	5/13/09	2.1	0.220	<0.010	<0.020	0.076	0.13	0.094	15.27
	8/6/09	1.2	---	<0.0010	<0.0020	0.025	0.014	0.057	13.75
MW-30	11/18/08	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.08
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.002	<0.0020	11.31
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.51
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	10.74
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.63
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.54
MW-31	11/18/08	<0.020	<0.020	<0.0010	<0.0020	0.0027	0.0056	0.0034	11.15
	2/19/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.33
	5/13/09	<0.020	<0.020	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.02
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.04
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	10.29
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	12.14

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-32	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.25
	8/6/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	8.87
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	8.75
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.08
MW-33	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.95
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.92
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.42
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.38
MW-34	5/13/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	17.93
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	14.51
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	14.05
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	17.31
MW-35	5/12/09	<0.020	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.73
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	13.86
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	13.14
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	15.24
MW-36	5/13/09	0.047	<0.020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	11.76
	8/5/09	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	9.37
	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	9.02
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.09
MW-37	5/13/09	2.3	0.064	0.67	0.011	0.13	0.0027	0.11	16.64
	8/5/09	1.2	---	0.46	0.0086	<0.0020	<0.0020	0.027	14.45
	11/11/09	1.3	---	0.078	<0.0020	0.0021	0.0043	<0.0020	14.02
	2/24/10	0.55	---	0.085	0.0034	0.0071	<0.0020	<0.0020	15.38

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
MW-38	11/11/09	<0.020	---	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	15.91
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	17.31
MW-39	11/11/09	<0.020	---	0.0021	<0.0020	<0.0020	0.003	<0.0020	15.59
	2/24/10	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	16.91
MW-40	11/11/09	0.69	---	0.026	<0.0020	<0.0020	0.0041	<0.0020	15.57
	2/24/10	0.29	---	0.022	<0.0020	0.0021	<0.0020	<0.0020	16.71
TW-1	11/27/07	8.6	0.041	3	0.96	0.0046	3.9	0.097	16.24
	1/4/08	5.8	<0.020	1.2	0.50	<0.0020	2.4	0.11	NM
	6/26/08	0.081	<0.020	0.0071	<0.002	<0.002	0.027	0.01	12.29
TW-2	6/26/08	0.92	0.092	0.038	0.0068	<0.002	0.44	0.056	12.76
TW-3	11/27/07	1.6	<0.020	0.42	0.16	<0.020	0.62	0.032	NM
	1/4/08	0.56	<0.020	0.059	0.0093	<0.002	0.25	0.019	NM
	6/26/08	<0.020	<0.020	<0.002	<0.002	<0.002	<0.002	<0.002	12.03
TW-4	1/11/08	27	0.110	6	3.8	0.6	6.4	0.26	17.93
	6/26/08	50	0.930	4.3	11	3.3	27	1.3	15.95
TW-6	6/26/08	27	0.930	0.6	2.9	1.7	18	1.1	13.46
WS-1	8/14/2007	0.12	NS	0.018	0.0071	<0.0020	0.0022	<0.0020	NM
	12/13/2007	19	0.200	2.4	2.2	0.6	3.7	0.17	NM
	1/11/2008	37	<0.200	5.7	3.2	1.1	5.6	0.23	13.19
	6/25/2008	12	<0.020	2.2	3.6	0.32	4.9	0.12	11.62
WS-2	8/14/2007	<0.020	NS	0	<0.0020	<0.0020	<0.0020	<0.0020	NM
	12/13/2007	7	0.025	2.1	1.9	0.14	0.96	0.02	NM
	1/11/2008	0.088	<0.020	0.058	0.011	0.012	0.043	0.0021	12.61
	6/25/2008	7.4	<0.020	3.8	0.41	0.23	2.5	<0.02	11.23
	11/19/2008	3.1	0.082	0.39	0.21	0.11	0.32	0.063	9.93
	2/19/2009	12	0.073	0.82	0.58	0.19	0.85	0.077	12.19
	5/12/2009	18	<.40	2.4	3.3	1.5	7	0.97	12.41

Table 4
Historical Groundwater Chemistry
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Sample Identity	Date	TPH-GRO (mg/L) C6-C10	TPH-DRO (mg/L) C11-C15	Benzene (mg/L)	Toluene (mg/L)	Ethyl- Benzene (mg/L)	Xylenes (mg/L)	Naph- thalene (mg/L)	Depth to Groundwater (ft)
WS-2 (continued)	8/6/2009	<0.020	---	<0.0010	<0.0020	<0.0020	0.0024	<0.0020	9.34
	11/11/2009	13	---	1.9	1.5	0.81	3	0.2	9.19
	2/23/2010	<0.020	---	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	11.81
WS-3	12/13/2007	6.9	0.500	0.12	<0.020	0.28	<0.020	0.1	NM
	1/11/2008	9.2	<0.020	0.22	<0.020	0.38	0.049	0.084	10.50
	6/25/2008	0.25	0.077	0.081	<0.002	0.017	0.0073	<0.002	10.21
INITIAL SCREENING LEVEL		1	1	0.005	1	0.7	10	0.7	

TPH (GRO) = Total Petroleum Hydrocarbons (Gasoline Range C6 to C10)

TPH (DRO) = Total Petroleum Hydrocarbons (Diesel Range C11 to C15)

< = Concentrations less than the given instrument detection level

SHADED = Measured concentration exceeds Utah Initial Screening Level

* Note: MW-15 could not be located

* Note: MW-10 was dry

NS - Not Sampled

NM - Not Measured

APPENDIX D

February 2010 QUARTERLY MONITORING

GROUNDWATER LABORATORY ANALYSES



**AMERICAN
WEST
ANALYTICAL
LABORATORIES**

Les Pennington
Wasatch Environmental
2410 West California Avenue
Salt Lake City, UT 84104-
TEL: (801) 972-8400
FAX: (801) 972-8459

RE: Gunnison Remediation / 1241-026A

Lab Set ID: 1002392

463 West 3600 South
Salt Lake City, Utah
84115

Dear Les Pennington:

American West Analytical Laboratories received 27 sample(s) on 2/25/2010 for the analyses presented in the following report.

All analyses were performed in accordance to The NELAC Institute protocols unless noted otherwise. American West Analytical Laboratories is certified by The NELAC Institute in the following states: Utah, Colorado, Idaho, and Texas. Certification document is available upon request. If you have any questions or concerns regarding this report please feel free to call.

The abbreviation "Surr" found in organic reports indicates a surrogate compound that is intentionally added by the laboratory to determine sample injection, extraction, and/or purging efficiency. The "Reporting Limit" found on the report is equivalent to the practical quantitation limit (PQL). This is the minimum concentration that can be reported by the method referenced and the sample matrix. The reporting limit must not be confused with any regulatory limit.

Thank You,

Approved by: Jose G. Rocha
Laboratory Director or designee

Report Date: 3/1/2010 Page 1 of 28



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-001A
Client Sample ID: WS-2
Collection Date: 2/23/2010 2:15:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 6:18:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	93.0	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	122	
Surr: Dibromofluoromethane	1868-53-7	80-124	102	
Surr: Toluene-d8	2037-26-5	80-125	103	

(801) 263-8686

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e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-002A
Client Sample ID: MW-2
Collection Date: 2/23/2010 10:00:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 6:38:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	120	
Surr: Dibromofluoromethane	1868-53-7	80-124	102	
Surr: Toluene-d8	2037-26-5	80-125	102	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

Jose Rocha
QA Officer

Report Date: 3/1/2010 Page 3 of 28



ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-003A
Client Sample ID: MW-3
Collection Date: 2/23/2010 10:15:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 6:58:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	118	
Surr: Dibromofluoromethane	1868-53-7	80-124	102	
Surr: Toluene-d8	2037-26-5	80-125	102	

463 West 3600 South
Salt Lake City, Utah
84115

(801) 263-8686

Toll Free (888) 263-8686

Fax (801) 263-8687

e-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer

Report Date: 3/1/2010 Page 4 of 28

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-004A
Client Sample ID: MW-5
Collection Date: 2/23/2010 2:30:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 7:18:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.036	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	94.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	115	
Surr: Dibromofluoromethane	1868-53-7	80-124	101	
Surr: Toluene-d8	2037-26-5	80-125	102	

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QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-006A
Client Sample ID: MW-17
Collection Date: 2/23/2010 1:30:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 7:58:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	116	
Surr: Dibromofluoromethane	1868-53-7	80-124	103	
Surr: Toluene-d8	2037-26-5	80-125	102	

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-007A
Client Sample ID: MW-19
Collection Date: 2/23/2010 4:20:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 8:18:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	117	
Surr: Dibromofluoromethane	1868-53-7	80-124	102	
Surr: Toluene-d8	2037-26-5	80-125	102	

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Report Date: 3/1/2010 Page 8 of 28



ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-008A
Client Sample ID: MW-20
Collection Date: 2/23/2010 4:40:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 8:39:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.010	0.67	D
Ethylbenzene	100-41-4	0.0020	0.19	
Naphthalene	91-20-3	0.0020	0.053	
Toluene	108-88-3	0.0020	0.015	
Xylenes, Total	1330-20-7	0.0020	0.0066	
TPH C6-C10 (GRO)		0.020	1.6	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	94.0	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	99.3	
Surr: Dibromofluoromethane	1868-53-7	80-124	94.9	
Surr: Toluene-d8	2037-26-5	80-125	99.6	

D - This analyte was obtained from a 1:10 dilution.

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-009A
Client Sample ID: MW-21
Collection Date: 2/23/2010 3:00:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 10:54:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	96.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	114	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	101	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

Jose Rocha
QA Officer

Report Date: 3/1/2010 Page 10 of 28

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-010A
Client Sample ID: MW-22
Collection Date: 2/23/2010 4:00:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 9:19:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.11	
Ethylbenzene	100-41-4	0.0020	0.018	
Naphthalene	91-20-3	0.0020	0.0020	
Toluene	108-88-3	0.0020	0.0027	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.22	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.6	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	107	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	101	

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ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-011A
Client Sample ID: MW-23
Collection Date: 2/23/2010 5:22:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 9:39:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.090	
Ethylbenzene	100-41-4	0.020	0.39	D
Naphthalene	91-20-3	0.020	0.17	D
Toluene	108-88-3	0.0020	0.0021	
Xylenes, Total	1330-20-7	0.0020	0.40	
TPH C6-C10 (GRO)		0.020	1.7	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	95.3	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	93.5	
Surr: Dibromofluoromethane	1868-53-7	80-124	96.2	
Surr: Toluene-d8	2037-26-5	80-125	104	

D - This analyte was obtained from a 1:10 dilution.

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-012A
Client Sample ID: MW-24
Collection Date: 2/23/2010 6:00:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 11:14:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
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Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	96.6	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	115	
Surr: Dibromofluoromethane	1868-53-7	80-124	103	
Surr: Toluene-d8	2037-26-5	80-125	101	

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ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-013A
Client Sample ID: MW-25
Collection Date: 2/23/2010 3:30:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 10:19:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.0024	
Ethylbenzene	100-41-4	0.0020	0.036	
Naphthalene	91-20-3	0.0020	0.033	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.45	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	93.3	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	101	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	100	

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-014A
Client Sample ID: MW-26
Collection Date: 2/24/2010 9:20:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/25/2010 10:39:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.10	
Ethylbenzene	100-41-4	0.0020	0.23	
Naphthalene	91-20-3	0.0020	0.12	
Toluene	108-88-3	0.0020	0.0066	
Xylenes, Total	1330-20-7	0.0020	0.17	
TPH C6-C10 (GRO)		0.020	1.3	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	92.6	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	94.5	
Surr: Dibromofluoromethane	1868-53-7	80-124	98.4	
Surr: Toluene-d8	2037-26-5	80-125	98.4	

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ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-015A
Client Sample ID: MW-27
Collection Date: 2/24/2010 9:30:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 9:14:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 20

Compound

CAS
Number

Reporting
Limit

Analytical
Result

Qual

Benzene	71-43-2	0.40	9.0	D
Ethylbenzene	100-41-4	0.040	1.5	
Naphthalene	91-20-3	0.040	0.27	
Toluene	108-88-3	0.80	19	D
Xylenes, Total	1330-20-7	0.040	9.0	
TPH C6-C10 (GRO)		0.40	41	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	90.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	104	
Surr: Dibromofluoromethane	1868-53-7	80-124	100	
Surr: Toluene-d8	2037-26-5	80-125	99.9	

D - This analyte was obtained from a 1:200 dilution.

The reporting limits were raised due to high analyte concentrations.

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Report Date: 3/1/2010 Page 16 of 28

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-016A
Client Sample ID: MW-28
Collection Date: 2/24/2010 11:00:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 11:34:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	94.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	118	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	101	

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-017A
Client Sample ID: MW-30
Collection Date: 2/24/2010 1:45:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 11:54:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.0	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	117	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	101	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-018A
Client Sample ID: MW-31
Collection Date: 2/24/2010 10:30:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 8:33:00 AM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L
Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	92.1	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	117	
Surr: Dibromofluoromethane	1868-53-7	80-124	103	
Surr: Toluene-d8	2037-26-5	80-125	103	

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-019A
Client Sample ID: MW-32
Collection Date: 2/24/2010 6:15:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 12:14:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.2	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	115	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Report Date: 3/1/2010 Page 20 of 28

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ORGANIC ANALYTICAL REPORT

AMERICAN
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LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-020A
Client Sample ID: MW-33
Collection Date: 2/24/2010 1:15:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 12:34:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.5	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	119	
Surr: Dibromofluoromethane	1868-53-7	80-124	105	
Surr: Toluene-d8	2037-26-5	80-125	101	

(801) 263-8686

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Fax (801) 263-8687

E-mail: awal@awal-labs.com

Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-021A
Client Sample ID: MW-34
Collection Date: 2/24/2010 12:15:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 12:54:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.8	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	116	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	100	

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ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-022A
Client Sample ID: MW-35
Collection Date: 2/24/2010 11:12:00 AM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 1:14:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.7	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	118	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-023A
Client Sample ID: MW-36
Collection Date: 2/24/2010 12:45:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 1:35:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

463 West 3600 South
Salt Lake City, Utah
84115

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.4	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	116	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	100	

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Kyle F. Gross
Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-024A
Client Sample ID: MW-37
Collection Date: 2/24/2010 1:45:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 1:55:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.085	
Ethylbenzene	100-41-4	0.0020	0.0071	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	0.0034	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.55	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.0	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	103	
Surr: Dibromofluoromethane	1868-53-7	80-124	95.3	
Surr: Toluene-d8	2037-26-5	80-125	99.4	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

Jose Rocha
QA Officer

Report Date: 3/1/2010 Page 25 of 28

All analyses applicable to the CWA, SDWA, and RCRA are performed in accordance to NELAC protocols. Pertinent sampling information is located on the attached COC. This report is provided for the exclusive use of the addressee. Privileges of subsequent use of the name of this company or any member of its staff, or reproduction of this report in connection with the advertisement, promotion or sale of any product or process, or in connection with the re-publication of this report for any purpose other than for the addressee will be granted only on contact. This company accepts no responsibility except for the due performance of inspection and/or analysis in good faith and according to the rules of the trade and of science.



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-025A
Client Sample ID: MW-38
Collection Date: 2/24/2010 2:00:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 2:16:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	97.9	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	114	
Surr: Dibromofluoromethane	1868-53-7	80-124	104	
Surr: Toluene-d8	2037-26-5	80-125	99.4	

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Laboratory Director

Jose Rocha
QA Officer

The pH of the sample was >2. Analysis was performed within the 7 day holding time.



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-026A
Client Sample ID: MW-39
Collection Date: 2/24/2010 1:20:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 2:36:00 PM

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

463 West 3600 South
Salt Lake City, Utah
84115

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	< 0.0010	
Ethylbenzene	100-41-4	0.0020	< 0.0020	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	< 0.020	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	99.5	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	117	
Surr: Dibromofluoromethane	1868-53-7	80-124	106	
Surr: Toluene-d8	2037-26-5	80-125	100	

The pH of the sample was >2. Analysis was performed within the 7 day holding time.

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Laboratory Director

Jose Rocha
QA Officer



ORGANIC ANALYTICAL REPORT

AMERICAN
WEST
ANALYTICAL
LABORATORIES

Client: Wasatch Environmental
Project: Gunnison Remediation / 1241-026A
Lab Sample ID: 1002392-027A
Client Sample ID: MW-40
Collection Date: 2/24/2010 2:45:00 PM
Received Date: 2/25/2010
Method Used: SW8260C

Contact: Les Pennington

Analyzed: 2/26/2010 2:58:00 PM

463 West 3600 South
Salt Lake City, Utah
84115

Analytical Results

VOAs MBTEXN/GRO by GC/MS Method 8260C/5030C

Units: mg/L

Dilution Factor: 1

Compound	CAS Number	Reporting Limit	Analytical Result	Qual
Benzene	71-43-2	0.0010	0.022	
Ethylbenzene	100-41-4	0.0020	0.0021	
Naphthalene	91-20-3	0.0020	< 0.0020	
Toluene	108-88-3	0.0020	< 0.0020	
Xylenes, Total	1330-20-7	0.0020	< 0.0020	
TPH C6-C10 (GRO)		0.020	0.29	
Surr: 1,2-Dichloroethane-d4	17060-07-0	77-144	98.3	
Surr: 4-Bromofluorobenzene	460-00-4	80-123	107	
Surr: Dibromofluoromethane	1868-53-7	80-124	102	
Surr: Toluene-d8	2037-26-5	80-125	101	

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QA Officer

American West Analytical Laboratories

WORK ORDER Summary

25-Feb-10

Work Order: 1002392

WO Type: Standard

Client ID: WAS580	Contact: Les Pennington	COMMENTS : PA Rush;
Project ID:	PM:	
Project: Gunnison Remediation / 1241-026A	QC Level: LEVEL I	
ChkList Completed On:	Completed By: <i>Hch</i>	
ChkList Reviewed On:	Reviewed By:	
WO Reviewed On:	Reviewed By: <i>HKS</i>	

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1002392-001A	WS-2	2/23/2010 2:15:00 PM	2/25/2010 12:12:38 PM	3/8/2010	Aqueous	8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-002A	MW-2	2/23/2010 10:00:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-003A	MW-3	2/23/2010 10:15:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-004A	MW-5	2/23/2010 2:30:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-005A	MW-9	2/23/2010 2:00:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-006A	MW-17	2/23/2010 1:30:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-007A	MW-19	2/23/2010 4:20:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-008A	MW-20	2/23/2010 4:40:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-009A	MW-21	2/23/2010 3:00:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-010A	MW-22	2/23/2010 4:00:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-011A	MW-23	2/23/2010 5:22:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-012A	MW-24	2/23/2010 6:00:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-013A	MW-25	2/23/2010 3:30:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-014A	MW-26	2/24/2010 9:20:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-015A	MW-27	2/24/2010 9:30:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-016A	MW-28	2/24/2010 11:00:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-017A	MW-30	2/24/2010 1:45:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-018A	MW-31	2/24/2010 10:30:00 AM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-019A	MW-32	2/24/2010 6:15:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-020A	MW-33	2/24/2010 1:15:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-021A	MW-34	2/24/2010 12:15:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge

WORK ORDER Summary

25-Feb-10

Work Order: 1002392

WO Type: Standard

Client ID: WAS580	Contact: Les Pennington	COMMENTS : PA Rush;
Project ID:	PM:	
Project: Gunnison Remediation / 1241-026A	QC Level: LEVEL I	
ChkList Completed On:	Completed By	
ChkList Reviewed On:	Reviewed By:	
WO Reviewed On:	Reviewed By:	

Sample ID	Client Sample ID	Date Collected	Date Received	Date Due	Matrix	Test Code	Hld	MS	SEL	Sub	Storage
1002392-022A	MW-35	2/24/2010 11:12:00 AM	2/25/2010 12:12:38 PM	3/8/2010	Aqueous	8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-023A	MW-36	2/24/2010 12:45:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-024A	MW-37	2/24/2010 1:45:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-025A	MW-38	2/24/2010 2:00:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-026A	MW-39	2/24/2010 1:20:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge
1002392-027A	MW-40	2/24/2010 2:45:00 PM		3/8/2010		8260-W-PPM	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Purge

COC Tape Was:

1	Present on Outer Package	Y	N	NA
2	Unbroken on Outer Package	Y	N	NA
3	Present on Sample	Y	N	NA
4	Unbroken on Sample	Y	N	NA

Discrepancies Between Sample Labels and COC Record?

Y

Notes:

City State Zip
Phone 801-972-8400 Fax 801-972-8459

Project Number/P.O.# 1241-026A
 Sampler Name Troy Smith

mw-25

mw-27

mw-30

mw-32

$$3.51 - 3.51$$

mw - 37

PRINT NAME Tray Smith	Time 12:00	PRINT NAME De
--------------------------	---------------	------------------

PRINT NAME	Time	PRINT NAME
------------	------	------------

PRINT NAME	Time	PRINT NAME
------------	------	------------

Relinquished By: <i>Signature</i>	Date	Received

PRINT NAME Ivan Smith	Time 12:00	PRINT NAME Denise B. Brian
--------------------------	---------------	-------------------------------

PRINT NAME	Time	PRINT NAME
------------	------	------------

Received by: Signature	Date	Received by: Signature
PRINT NAME	Time	PRINT NAME

Relinquished By: <i>Signature</i>	Date	Received By: <i>Signature</i>

**463 West 3600 South
Salt Lake City, Utah
84115**

Fax (801) 263-8687
Email:awal@awal-labs.com

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

Turn Around Time (Circle One)
1 day 2 day 3 day 4 day 5 day Standard

SAMPLES WERE:

3	3+	4	2 Ambient or Chilled Notes:
---	----	---	--------------------------------

COMMENTS	2 Temperature _____
	4 Received Broken/Leaking _____

	Notes:
--	--------

	NOTES:
6	Received Within

	Notes:
--	--------

	COC Tape Was:
--	---------------

	Y	(N)	NA
--	---	-----	----

3. Present on Sample

	4 Unbroken on Sample	(NA)
	Y N	

	Record?	Y	N
--	---------	---	---

Phone 801-972-8400 Fax 801-972-8459

Sampler Name Troy Smith



**463 West 3600 South
Salt Lake City, Utah
84115**

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Email:awal@awal-labs.com

Page 3 of 3

1 day 2 day 3 day 4 day 5 day Standard

Contact <u>Les Pennington</u>		E-mail <u>lp@wasatch-environmental.com</u>		Project Name <u>Gunnison Remediation</u>		Project Number/P.O.# <u>1241-026A</u>		Sampler Name <u>Troy Smith</u>		Date/Time Collected		Matrix	Number of Containers (Total)		TPH-GRO		BTXN		QC LEVEL		LABORATORY USE ONLY	
																			1 2 2+		SAMPLES WERE:	
																			3 3+ 4		1 Shipped or hand delivered	
																					Notes:	
																					2 Ambient or Chilled	
																					Notes:	
																					3 Temperature <u>1.4°</u>	
																					4 Received Broken/Leaking (Improperly Sealed)	
																					Y	
																					Notes:	
																					5 Properly Preserved	
																					Y	
																					Notes:	
																					6 Received Within Holding Times	
																					Y	
																					Notes:	
																					COC Tape Was:	
																					1 Present on Outer Package	
																					Y	
																					NA	
																					2 Unbroken on Outer Package	
																					Y	
																					NA	
																					3 Present on Sample	
																					Y	
																					NA	
																					4 Unbroken on Sample	
																					Y	
																					NA	
																					Notes:	
																					Discrepancies Between Sample Labels and COC Record?	
																					Y	
																					Notes:	
																					N	

APPENDIX E

TABLE 5

NITRATE MONITORING DATA

Table 5
Nitrate Monitoring Data
Gunnison Remediation
15 South Main Street
Gunnison, Utah

Monitoring Well	Date of Sampling									
	2/16/2010									
Nitrate Concentrations (mg/L) - compare to MCL of 44.3 mg/L										
MW-2	15.4									
MW-3	0.0									
MW-5	0.0									
MW-20	0.0									
MW-22	0.0									
MW-23	0.0									
MW-26	0.0									
MW-27	8.8									
MW-29	NM									
MW-36	0.0									
MW-37	0.0									
TW-4	13.2									
TW-6	4.4									
WS-2	4.4									

Notes:

1. TW-4 and TW-6 are also injection locations
2. NM - not monitored due to refusal of property owner to grant access to the property
3. MCL - maximum contaminant level
4. NS - not sampled because wells upgradient of these locations did not exhibit detectable nitrate concentrations